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SOURCE Sotsialisticheskoye Zemledeliye.AGRICULTURAL WEATHER BULLETIN8, 15 - 20 September 1949

Sotsialisticheskoye Zemledeliye, No 213, 9 Sep 49

In nearly all European USSR the weather is extremely favorable for harvesting and threshing and planting of winter crops.

On 8 September, it was warm in Transcaucasia. Daytime temperature reached 25 degrees, and in the south, 30 degrees. Slight rains fell in some sections. In northern Transcaucasia and the Crimea it has grown colder, the temperature at noon being 14 - 15 degrees. Rains also fell during the night and in the morning in several rayons in Rostov Oblast and Stavropol' Kray.

Cool weather is continuing in the Urals and on the left bank of the Volga. Slight rains fell in Kuybyshev and Molotov oblasts and in Udmurt ASSR. Noon temperature in Kuybyshev, Chkalov, and Ufa was about 10 degrees, and about 6 degrees in the Sverdlovsk area. In the remaining European territory the weather remained relatively warm and dry.

By 8 September sprouts of winter crops appeared south of Kiev Oblast (Uman'), and north of Kirovograd and Dnepropetrovsk oblasts. South of Khar'kov Oblast (Lozova), sprouts already have their third leaves.

In western Siberia it is growing colder from the Urals through all of Novosibirsk Oblast and most of the Altai rayons. Noon temperature did not exceed 4 degrees in Omsk, 8 in Novosibirsk, and 12 degrees in Barnaul. It is raining in most of western Siberia. Eastern Siberia has almost no precipitation and is considerably warmer: at noon in Irkutsk the temperature was 19, and in Chita, 17 degrees.

The weather is growing cooler in all of Kazakhstan. At noon in Kzyl-Orda, the temperature was 17 degrees, in Dzhanbul, 20, and in Alma-Ata, 14 degrees.

- 1 -

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Central Asia was warm, daytime temperature reaching 26 - 30 degrees in the central regions and 34 degrees in the south. Night temperature did not drop below 12 - 14 degrees in the central regions and 19 in the south. The warm and dry weather is favorable for cotton ripening and crop harvesting.

Sotsialisticheskoye Zemledeliye, No 219, 16 Sep 49

On 15 September, there was a drop of temperature in the Urals. Daytime temperature in Ufa was only 14 degrees in comparison to 19 and 14 September, in Sverdlovsk, 8, in comparison to 16; and in Syktyvkar, 8, in comparison to 10.

In other oblasts no existing temperature changes occurred. Daytime temperature was about 20 degrees, and in Stalingrad, Dnepropetrovsk, and Voronezh, nearly 25 degrees.

Only Krasnodar had rain during the first 12 hours. On 14 September, rain fell in the southern half of the Ukraine (Vinnitsa, Kirovograd, Dnepropetrovsk, Kherson, Izmail), in the northern Caucasus, and in Komi ASSR. In the rest of the territory the weather remained dry and favorable for field work.

Winter crops are developing normally. In Kirovograd and Zhdanov, new sprouts of grain have appeared. In the northern oblasts, Minsk, Valuyki, and Gor'kiy, rye plants are growing their third leaves. In Kuybyshev and Ryazan oblasts, sprouts of winter rye from the late planting have come up.

The process of wet-retting linen stalks is progressing rapidly in the wet-retting areas due to the high temperature of the water. Only in the Urals and in the lower Urals, where the temperature is lower, is wet-retting progressing more slowly.

Sotsialisticheskoye Zemledeliye, No 220, 17 Sep 49

On 16 September, cool weather in the Urals kept spreading and by noon encompassed nearly the entire northern half of European USSR, excluding the extreme west.

At noon, temperature slightly over 20 degrees prevailed only in the South (northern Caucasus, Ukraine, central Chernozem zone, and Lower Volga region). In the more northern oblasts, the temperature was under 20 degrees, dropping to 15 degrees in Kazan and Chkalov, 10 in Petrozavodsk and Vologda, 6 in Arkhangel'sk, and 4 degrees in Syktyvkar.

Precipitation was reported only in Tatar ASSR and Komi ASSR. On 15 September, rain fell in the Crimea and in the northern Caucasus.

Judging by the movement of cold air, it may be expected that by tonight there will be frosts in Kalinin and Gor'kiy, and in another 24 hours, in Orel and Stalingrad. Daytime temperature is expected to drop to 10 - 12 degrees, and in the northern and eastern areas, to nearly 5 degrees. Thus, the growing season in the northern half of the European territory is ending.

In Belorussia, the Ukraine, and northern Caucasus, a drop in temperature has not yet been noticed, and crops are growing as usual.

Harvesting conditions this fall were good almost everywhere. The cold weather and frosts now beginning follow the regular pattern and have no unfavorable significance for agricultural production.

In western Siberia cold weather is continuing to spread. Daytime temperatures nearly everywhere dropped to 10 degrees below zero. During the past 24 hours, rain fell in nearly all areas, including the northern areas of Kazakhstan.

- 2 -

SECRET

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SECRET

50X1-HUM

Sotsialisticheskoye Zemledeliye, No 221, 18 Sep 49

On 17 September, the weather in the northern half of European USSR continued to grow colder. In many areas the temperature dropped 10 degrees within a period of 24 hours. For example, in Tambov and Saratov, noon temperature was 13 degrees on 17 September and 22 the day before; in Gor'kiy and Moscow, 10; in Kirov, Sverdlovsk, and Syktyvkar, 4 degrees. Frosts were recorded in all oblasts north of Moscow and Kuybyshev.

In the next few days the cold weather will extend south and west, and will probably include the northeast part of the Ukraine to Khar'kov, and all the lower Volga region to Astrakhan.

At present, the weather in the south and west is warm. In Riga, Minsk, Kiev, and Odessa, daytime temperature was 20 degrees; in Rostov and Stalingrad, 23 degrees.

The change in weather has not been accompanied by rain. Precipitation during the past 24 hours has occurred only in the Urals, in the Lower Volga region from Kuybyshev to Cheboksar, and in the northern Caucasus. Snow fell north of Arkhangel'sk Oblast and Komi ASSR. In the rest of the territory the weather was clear and dry, and harvesting continued without interruption.

In western Siberia the weather remains cold, daytime temperature being about 10, and night temperature below 5 degrees. To Tomsk and Novosibirsk oblasts and Altay Kray, it rained yesterday. Omsk, Tyumen', and Novosibirsk oblasts and Krasnoyarsk Kray had no precipitation. Winter plantings are growing normally, but slow.

Central Asia is dry and warm. Daytime temperature in most areas is about 25 degrees; in some places (Ashkhabad) near 30 degrees. Night temperature drops below 10 degrees.

Sotsialisticheskoye Zemledeliye, No 222, 20 Sep 49

On 18 and 19 September, the wave of cold weather reached the northern boundaries of the Ukraine and the northern Caucasus, while in Asiatic USSR, it is leaving the boundaries of Kara-Kalpak.

Comparatively high temperatures, over 15 degrees in the daytime, have been observed only in the west (Leningrad, Riga, Minsk, Kiev, Kishinev). In the east, the lower Volga region and the Urals, the temperature has dropped, reaching 10 degrees or less in the daytime (Kuybyshev, 10; Kazan and Chkalov, 6; Ufa and Sverdlovsk, 3).

At night, the entire territory, excluding the Baltic area, Belorussia, and Northern Caucasus, had frosts. In many cases they were considerable, with the temperature dropping to 5 degrees below zero.

On 19 September, frosts are expected in the Ukraine, northern Caucasus, and Kara-Kalpak. In the north, a marked rise in temperature has begun. In Arkhangel'sk on 19 September it was 14 degrees, which was warmer than Moscow and Saratov and considerably warmer than Kazan and Chkalov. On 18 September, rain fell only in Arkhangel'sk Oblast and in parts of the Urals. On 19 September, during the first 12 hours, rain fell only in certain parts of the Baltic area, in western regions of the Ukraine, and certain regions of Kirov Oblast. In the rest of the territory, the weather remained cool, dry, and mostly clear.

- 3 -

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SECRET

50X1-HUM

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Sotsialisticheskoye Zemledeliye, No 223, 21 Sep 49

On 20 September, the weather continues to be dry and clear with a wide daily range in temperature over most of European USSR. In the central regions, north of the Ukraine, and in the southeast part night temperature was recorded at 0 - 5 degrees below zero; daytime temperature, 15 - 17 degrees above zero.

In comparison with the past 24 hours, the weather in the central and eastern regions has gradually begun to grow warmer. On 20 September, the only drop in temperature was in the southern regions of European USSR. In Kiev at noon it was 14 degrees, in Kishinev, 17, and Odessa, 15 degrees.

During the first 12 hours slight rain fell in the north (Arkhangel'sk and Ust'-Tsil'ma), in parts of the western oblasts (Vil'nyus and Baranovichi), and in the northeast. In the northern Caucasus and in southeast Ukraine, eastern winds continued from yesterday.

Conditions for harvesting potatoes and vegetables were good over most of the territory.

In the Urals and western Siberia, the cold weather became more intense and spread eastward. At noon the temperature in Sverdlovsk was zero, in Omsk, 2, and Novosibirsk 3 degrees above zero. Night temperature remained about 1 - 2 degrees below zero. In the Ural regions of Siberia and the northern oblasts of Kazakh SSR, snow fell at night and continued to fall until noon in Tobol'sk, Ishim, Omsk, and Atbasar.

Eastern Siberia and Central Asia have cloudy, warm weather. Daytime temperature in eastern Siberia was 15 - 20 degrees.

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- 4 -

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